

CLAIMS

1. An information terminal, including data operation processing means for performing operation processing for input image data and preparing output image data,  
5 characterized by comprising:
  - removal means, for removing, from the output image data, part or all of the steps of an operational processing sequence performed for the input image data; and
  - 10 data processing means, for performing other operational processing steps for data obtained by the removal means and for preparing output image data.
2. An information terminal according to claim 1, characterized by comprising a camera module including a lens, an image sensor and a camera DSP, and characterized  
15 in that:
  - the camera DSP includes color correction means, gamma correction means, color interpolation means and image quality correction means;
  - 20 the camera module produces the input image data; and
  - the removal means removes an interpolation process by performing an intermittent process for pixels that are interpolated by the color correction means of the camera DSP, minimizes affects due to a color correction process and an image quality correction process that are performed  
25 by the camera DSP, and again performs an arbitrary color interpolation process and an arbitrary image quality correction process.

3. An information terminal according to one of claims  
1 to 3, characterized in that the removal means identifies  
an arrangement pattern for color filters that are laid on  
the image sensor, and separates color elements of pixels  
5 generated during the interpolation process from color  
elements of pixels used to produce those color elements,  
and selectively performs an intermittent process for the  
color elements of the pixels generated during the  
interpolation process.

10 4. A data processing method, including a step of  
obtaining image data, a step of performing an interpolation  
process for the image data thus obtained, and a step of  
outputting the image data resulting from the interpolation  
process, characterized by comprising the steps of:

15 removing the interpolation process from the image data  
resulting from the interpolation process; and  
performing another interpolation process for data  
obtained after the interpolation process has been removed.

5. An information terminal characterized by  
20 comprising:

a camera module, having an image sensor, for  
digitizing and using a signal output by the image sensor to  
prepare first Bayer-type data, and for employing the first  
Bayer-type data to prepare first image data, using a first  
25 algorithm, and transmitting the first image data; and  
a host module, having a main storage device, for  
receiving the first image data obtained by the camera

module and storing the received first image data in the main storage device, for reading the first image data from the main storage device and extracting second Bayer-type data from the first image data that have been read, and for  
5 employing the second Bayer-type data to prepare second image data using a second algorithm.

6. An information terminal according to claim 5, characterized in that the first image data and/or the second image data have an RGB form or a YUV form.

10 7. An information terminal according to claim 5, characterized in that the first image data provided is compressed.

8. An information terminal according to one of claims 5 to 7, characterized in that the host module includes a  
15 data output unit for outputting data to a printer, so that the second image data are output to the printer through the data output unit.